

Notice of Allowability

Application No.

10/083,205

Examiner

Ula C Ruddock

Applicant(s)

ZUPON ET AL.

Art Unit

1771

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/23/04.
2. ☒ The allowed claim(s) is/are 1-6,8,14-17,19-22,24 and 25.
3. ☒ The drawings filed on 26 February 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 5/12/04 .
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

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1. The Examiner has carefully considered Applicant's response filed March 23, 2004. All rejections have been overcome.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John Hlavka on May 12, 2004.

The application has been amended as follows:

**Cancel claims 7, 9-13, 18, and 23.

**Rewrite Claims 1, 16, 20, and 25 as follows:

1. (Currently Amended) A reflective insulation system, comprising:
 - a) a reflective layer, wherein said reflective layer is perforated,
 - b) a layer of fiberglass having a first side bonded to said reflective layer by a first deposit of hot melt glue that is in direct contact with the layer of fiberglass; and
 - c) a layer of vapor retarder material bonded to a second side of said layer of fiberglass by a second deposit of hot melt glue that is in direct contact with the layer of fiberglass.
16. (Currently Amended) A reflective insulation system, comprising:
 - a) an outermost reflective layer that reflects approximately 97% of heat radiated to the reflective layer, wherein said reflective layer is perforated

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- b) a layer of fiberglass having a first side bonded to said reflective layer by a first deposit of hot melt glue; and
- c) a layer of vapor retarder material bonded to a second side of said layer of fiberglass by a second deposit of hot melt glue.

20. (Currently Amended) A reflective insulation system, comprising:

- a) an outermost reflective aluminum layer, wherein said reflective layer is perforated,
- b) a layer of fiberglass having a first side bonded to said reflective layer by a first deposit of hot melt glue; and
- c) a layer of vapor retarder material bonded to a second side of said layer of fiberglass by a second deposit of hot melt glue.

25. (Currently Amended) A reflective insulation system, comprising:

- a) an outermost aluminum layer that reflects approximately 97% of heat radiated to the aluminum layer, wherein said aluminum layer is perforated;
- b) a layer of fiberglass having a first side bonded to said reflective layer by a first deposit of hot melt glue that is in direct contact with the layer of fiberglass; and
- c) a layer of vapor retarder material bonded to a second side of said layer of fiberglass by a second deposit of hot melt glue that is in direct contact with the layer of fiberglass.

Reasons for Allowance

- 3. Claims 1-6, 8, 14-17, 19-22, 24 and 25 are allowed.
- 4. The following is an examiner's statement of reasons for allowance: the rejections have been overcome by Applicant's response and the present Examiner's amendment. No prior art was

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found to teach or suggest an insulation material wherein said aluminum reflective layer is perforated.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ula C Ruddock whose telephone number is 571-272-1481. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Terrel H. Morris can be reached on 571-272-1478. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

UCR *UCR*

Ula Ruddock
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